



BOX AF #15
C. Ruffin
7/8/93
(ME)

Response Under 37 CFR § 1.116
Expedited Procedure
Examining Group 180

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul R. Schimmel

Serial No.: 07/586,534

Art Unit: 1807

Filed: September 21, 1990

Examiner: A. Yarbrough

For: DESIGNING COMPOUNDS SPECIFICALLY
INHIBITING RIBONUCLEIC ACID

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

RECEIVED
JUL 7 1993
GROUP 1800

RESPONSE TO FINAL OFFICE ACTION

Sir:

Pursuant to the grant of applicant's April 22, 1993 Request for Reconsideration of Petition, applicant responds herein to the Examiner's Office Action (made final) within the shortened statutory period due to expire on June 29, 1993 (see Paper No. 14). Accordingly, no extension fee is required.

REMARKS

This invention relates to methods for designing compounds which inhibit targeted ribonucleic acid ("RNA") and those compounds so designed. Using the methods of this invention, the skilled practitioner can design compounds which inhibit targeted RNAs by binding to specific sites within the minor groove of the targeted RNAs.

Claims 1 and 3 - 19 stand rejected under 35 U.S.C. § 103 as unpatentable over Park et al., *Biochemistry*, 28, pp. 2740-2746 (1989) in view of Endo et al., *J. Biol. Chem.*, 265, pp.